

# Product Datasheet

## Tmp21/p23 Antibody - BSA Free NBP2-47600

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/23/2025 v.20.1

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**NBP2-47600**

Tmp21/p23 Antibody - BSA Free

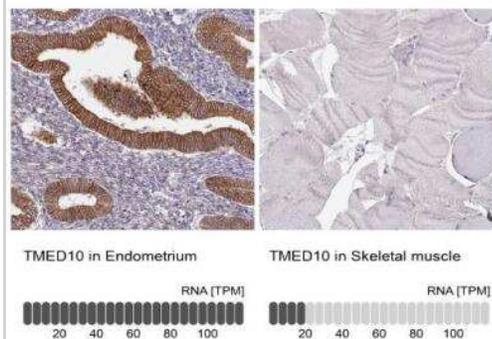
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	10972
Gene Symbol	TMED10
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: MFEVCFESKGTGRIPDQLVILDMKHGVEAKNYEEIAKVEKLPLEVELRRLEDL SESIVNDFAYMKKREEEMRDTNESTN

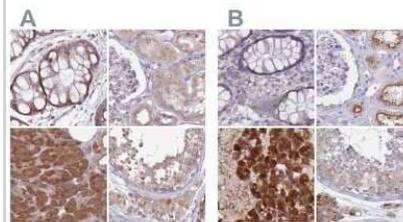
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

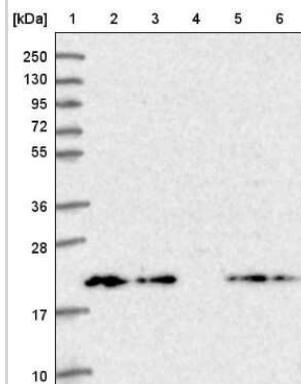
Immunohistochemistry-Paraffin: Tmp21/p23 Antibody [NBP2-47600] - Analysis in human endometrium and skeletal muscle tissues using NBP2-47600 antibody. Corresponding TMED10 RNA-seq data are presented for the same tissues



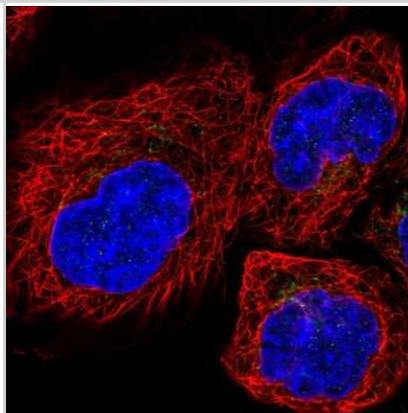
Immunohistochemistry-Paraffin: Tmp21/p23 Antibody [NBP2-47600] - Staining of human colon, kidney, pancreas and testis using Anti-TMED10 antibody NBP2-47600 (A) shows similar protein distribution across tissues to independent antibody NBP2-48969 (B).



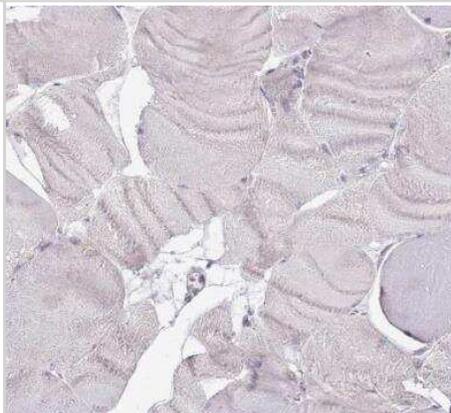
Western Blot: Tmp21/p23 Antibody [NBP2-47600] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue.



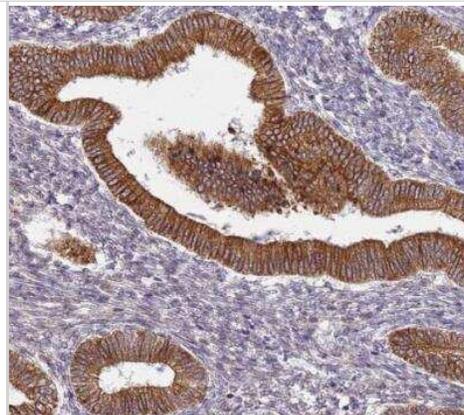
Immunocytochemistry/Immunofluorescence: Tmp21/p23 Antibody [NBP2-47600] - Immunofluorescent staining of human cell line A-431 shows localization to the Golgi apparatus.



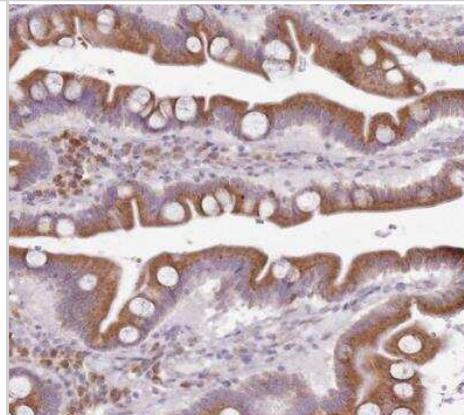
Immunohistochemistry-Paraffin: Tmp21/p23 Antibody [NBP2-47600] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



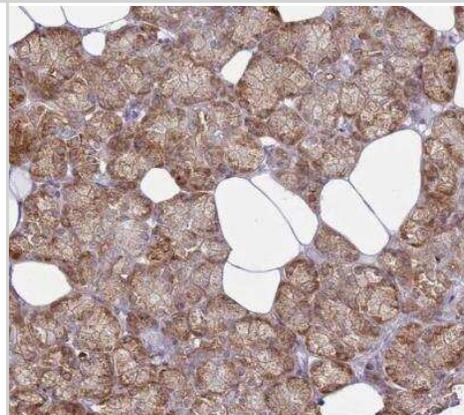
Immunohistochemistry-Paraffin: Tmp21/p23 Antibody [NBP2-47600] - Staining of human endometrium shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Tmp21/p23 Antibody [NBP2-47600] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Tmp21/p23 Antibody [NBP2-47600] - Staining of human salivary gland shows strong granular cytoplasmic positivity in glandular cells.





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### **Products Related to NBP2-47600**

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NBP2-47600PEP	Tmp21/p23 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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